

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:1773
ANSWERED ON:20.07.2004
GENERATION OF POWER FROM WEEDS
Varma Shri Ratilal Kalidas

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether the Government is formulating any scheme to generate power from weeds under non- conventional energy sources programme;
- (b) if so, the details thereof; and
- (c) the annual estimated quantum of power likely to be generated through this scheme?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a) & (b): The Ministry of Non-conventional Energy Sources is implementing schemes for encouraging commercial power generation using various biomass materials which may also include all types of weeds. Use of specific biomass materials including weeds for this purpose is project specific and depends upon their local availability and techno-economic feasibility. The schemes being implemented provide for Central Financial Assistance for biomass based power generation projects. Details are given in the Annexure.

(c): A biomass based power generation capacity of 234 MW has been installed so far in the country. The potential for power generation using biomass materials has been estimated at 16,000 MW.

Annexure referred to in reply to Parts (a) & (b) of the Lok Sabha Unstarred Question No. 1773 for 20.7.2004 regarding Generation of Power from Weeds

LEVELS OF CENTRAL FINANCIAL ASSISTANCE AVAILABLE FOR BIOMASS BASED POWER GENERATION THROUGH DIFFERENT TECHNOLOGIES

A. BIOMASS COMBUSTION BASED POWER PROJECTS

Biomass Power Configuration	Pressure	Rate of Interest Subsidy
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Director Combustion, Cogeneration including Captive power projects.	i. 60 bar & above	2% ii. 80 bar & above 3%
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B. BIOMASS GASIFICATION BASED POWER PROJECTS

Type of Application	Capital Subsidy
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i. Electrical application with dual i. Rs.1.50 lakhs/100 Kwe, or in

fuel engines, including captive multiples thereof.
Power, with provision for surplus
Power to grid (upto 1 Mwe)

- ii. Electricity generation with 100% i. Rs.15 lakhs per 100 kwe on pro rata
producer gasbased engines, upto basis or in multiples thereof, orRs.10
100 projects. Lakhs per 100 KW for engines alone.